



## PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

200314152

APPLICATION NO.

10/808,945

CONFIRMATION NO.

APPLICANT

Winthrop D. Childers et al.

FILING DATE

Mar. 25, 2004

GROUP

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/A.N./	1A	5,344,535	Sept. 6, 1994	Betts et al.	
/A.N./	1B	6,610,188	Aug. 26, 2003	Fuhr et al.	
/A.N./	1C	6,641,708	Nov. 4, 2003	Becker et al.	
/A.N./	1D	6,660,493	Dec. 9, 2003	Miles	
/A.N./	1E	6,673,225	Jan. 6, 2004	Arnold	
/A.N./	1F	6,685,812	Feb. 3, 2004	Miles	
/A.N./	1G	6,727,451	Apr. 27, 2004	Fuhr et al.	
/A.N./	1H	6,730,204	May 4, 2004	Mariella, Jr.	
/A.N./	1I	6,761,811	Jul. 13, 2004	Mariella, Jr.	
/A.N./	1J	6,749,736	Jun. 15, 2004	Fuhr et al.	
/A.N./	1K	2003/0121788	Jul. 3, 2003	Gascoyne et al.	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
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	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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/A.N./	2A	2003/0159932	Aug. 28, 2003	Betts et al.	
/A.N./	2B	2004/0011652	Jan. 22, 2004	Bressler	
	2C				
	2D				
	2E				
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	2L					
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	2P					

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<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
	<b>200314152</b>		
	APPLICANT		
	<b>Winthrop D. Childers et al.</b>		
	FILING DATE	GROUP	
	<b>Herewith</b>		

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/A.N./	1A	4,874,507	Oct. 17, 1989	Whitlock	
/A.N./	1B	4,911,806	Mar. 27, 1990	Hofmann	
/A.N./	1C	5,126,022	Jun. 30, 1992	Soane et al.	
/A.N./	1D	5,454,472	Oct. 3, 1995	Benecke et al.	
/A.N./	1E	5,589,047	Dec. 31, 1996	Coster et al.	
/A.N./	1F	5,626,734	May 6, 1997	Docoslis et al.	
/A.N./	1G	5,653,859	Aug. 5, 1997	Parton et al.	
/A.N./	1H	5,814,200	Sep. 29, 1998	Pethig et al.	
/A.N./	1I	5,858,192	Jan. 12, 1999	Becker et al.	
/A.N./	1J	5,938,904	Aug. 17, 1999	Bader et al.	
/A.N./	1K	5,993,630	Nov. 30, 1999	Becker et al.	

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
/A.N./	1L	WO 97/34689	09/25/1997	UC of N. Wales		x
/A.N./	1M	WO 98/10869	03/19/1998	Scientific Generics		x
/A.N./	1N	WO 02/12896	02/14/2002	Aviva Biosciences Co		x
/A.N./	1O	WO 02/28523	04/11/2002	Aviva Biosciences Co		x
/A.N./	1P	WO 03/014291	02/20/2003	Vanderbilt Univ.		x

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

/A.N./	1Q	Tsuda, Takao, Yamauchi, Norihiro, and Kitagawa, Shinya, "Separation of Red Blood Cells at the Single Cell Level by Capillary Zone Electrophoresis", Analytical Sciences, Vol. 16, pps. 847-850, (August 2000).
/A.N./	1R	Holmes, David and Morgan, Hywel, "Cell Positioning and Sorting Using Dielectrophoresis", European Cells and Materials, Vol. 4, Suppl. 2, pps. 120-122, (2000).
/A.N./	1S	Swiss Center for Electronics and Microtechnology, "Dielectrophoretic Size-Sensitive Particle Filter for Micro-Fluidic Applications", 2 pgs., printed 2/24/04 from www.csem.ch/corporate/Report 2002/pdf/microrobotics.pdf

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/A.N./	2A	5,993,631	Nov. 30, 1999	Parton et al.	
/A.N./	2B	6,056,861	May 2, 2000	Fuhr et al.	
/A.N./	2C	6,059,950	May 9, 2000	Dames et al.	
/A.N./	2D	6,149,789	Nov. 21, 2000	Benecke et al.	
/A.N./	2E	6,193,866	Feb. 27, 2001	Bader et al.	
/A.N./	2F	6,197,176	Mar. 6, 2001	Pethig et al.	
/A.N./	2G	6,264,815	Jul. 24, 2001	Pethig et al.	
/A.N./	2H	6,287,832	Sep. 11, 2001	Becker et al.	
/A.N./	2I	6,306,272	Oct. 23, 2001	Soane et al.	
/A.N./	2J	6,310,309	Oct. 30, 2001	Ager et al.	
/A.N./	2K	20020005354	Jan. 17, 2002	Spence et al.	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
/A.N./	2L	WO 03/093496	11/13/2003	Genoptix, Inc.		
	2M					
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## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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<b>APPLICANT</b> <b>Winthrop D. Childers et al.</b>			
<b>FILING DATE</b> <b>Herewith</b>		<b>GROUP</b>	

**REFERENCE DESIGNATION                      U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/A.N./	3A	20020036141	Mar. 28, 2002	Gascoyne et al.	
/A.N./	3B	20020042125	Apr. 11, 2002	Peterson et al.	
/A.N./	3C	20020055167	May 9, 2002	Pourahmadi et al.	
/A.N./	3D	6,403,367	Jun. 11, 2002	Cheng et al.	
/A.N./	3E	20020076825	Jun. 20, 2002	Cheng et al.	
/A.N./	3F	6,465,225	Oct. 15, 2002	Fuhr et al.	
/A.N./	3G	20020182627	Dec. 5, 2002	Wang et al.	
/A.N./	3H	20020182654	Dec. 5, 2002	Jing et al.	
/A.N./	3I	20030010637	Jan. 16, 2003	Cummings	
/A.N./	3J	6,537,433	Mar. 25, 2003	Bryning et al.	
/A.N./	3K	6,540,895	Apr. 1, 2003	Spence et al.	

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
/A.N./	4A	20030134416	Jul. 17, 2003	Yamanishi et al.	
/A.N./	4B	6,596,143	Jul. 22, 2003	Wang et al.	
	4C				
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